

ABSTRACT OF THE DISCLOSURE

An oligonucleotide array comprising an array of multiple oligonucleotides with different base sequences fixed onto known and separate positions on a support substrate, wherein said oligonucleotides are biological stress related genes or complementary sequence chains to the said genes, and the said oligonucleotides are classified according to their gene functions, wherein the fixation region on the support substrate is divided into the said classification.

1. The array of oligonucleotides is fixed onto a support substrate by a fixation region, wherein the fixation region is divided into a first region and a second region, and the first region is fixed onto the support substrate by a first fixation region, and the second region is fixed onto the support substrate by a second fixation region.